

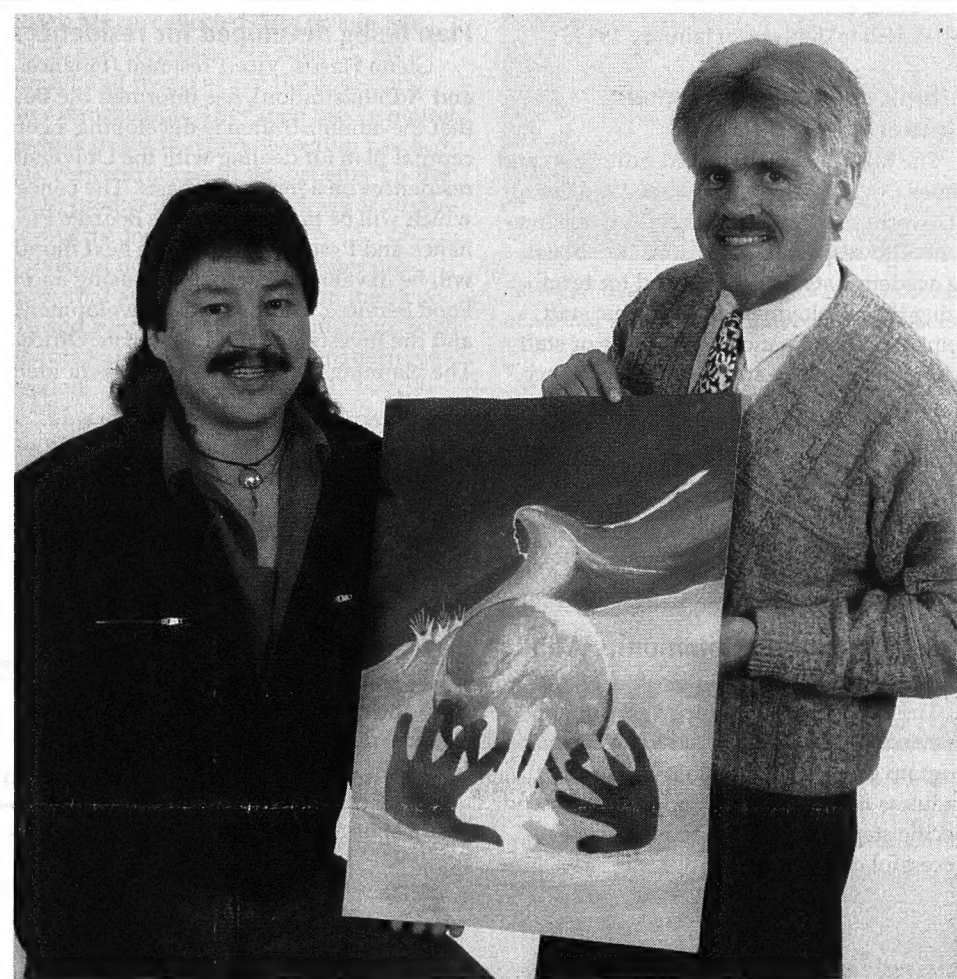
FOLIO

UNIVERSITY OF ALBERTA
10 NOVEMBER 1994



INSIDE

- FAB Gallery displaying Ryoji Ikeda's prints (p 4)
- Teaching evaluations being fine-tuned (p 3)
- GSA, AAS:UA combining on response to Axworthy report (p 4)



"Let Your Spirit Guide You," say Ernest Gladue, left, and Fran Trehearne. Please see "poster" story, page 5.

Board approves 1994-95 operating budget University expects to spend about \$25M less than last year

By Michael Robb

Board of Governors' approval of the University's 1994-95 operating budget was accompanied by the expectation that the amount will be almost \$25 million less than what the University spent in 1993-94.

Vice-President (Finance and Administration) Glenn Harris, who presented the budget to the Board last Friday, said, "In recommending that the Board approve the budget, we are doing so knowing that we will not achieve a balanced position at the end of the year. The current forecast for the year-end is a \$3 million deficit." Harris pointed out that that money will be drawn from the University's operating reserve, leaving it with about \$1.1 million.

The good news is that the University's base budget reductions actually exceeded its goals, which will ease somewhat the problems to be confronted in 1995-96, the Vice-President outlined. Savings in 1994-95, however, were lowered for three primary reasons: the implementation of the budget cuts resulted in a significant number of layoffs, necessitating larger-than-forecast payout costs; the 1 October implementation date for the Non-Academic Staff Association salary settlement resulted in a \$2 million shortfall; and, the first-year costs of the early retirement incentive plan are \$600,000 more than expected.

Harris said there would be a shortfall of \$2 million in tuition fees due to a drop in enrollment, an increase in investment income of \$1 million as a result of higher-than-expected interest rates and a underspending of \$1.2 million in contingency accounts. Almost all of that sum, he pointed out, is due to fewer requests by Faculties to fund sessional instructors.

The University will get less money from the provincial government and more money from students. Last year, government gave the University \$269,828,000 in operating and capital renewal grants. This year, the Province will hand over \$240,007,000 or \$29,821,000 less than last year.

Students paid \$54,582,000 in tuition fees last year. This year, the University estimates students will pay \$60,568,000 in tuition fees, an additional \$5,986,000.

In giving the Board a presentation on the University's budget situation over the next three years, Harris said the institution is on track with its budget reduction plans.

The University, unlike in previous years, has a good idea of salary, grant and tuition levels for next year's budget. "The only real uncertainty we have in constructing next year's budget is enrollment levels.

Continued on page 5

U of A places sixth in Maclean's rankings

Best showing to date

By Michael Robb

The University of Alberta has placed sixth in the annual Canadian universities rankings published by *Maclean's* magazine.

The issue, which hit the stands across the country this week, stated that the University of Alberta moved up from its 10th place standing last year in the medical/doctoral category to sixth this year, in part, because of its reputation. *Maclean's* uses six broad categories to rank the universities: student body, classes, faculty, finances, library and reputation.

There are other reasons the U of A moved up the ranks. It placed first in library acquisitions and second in the percentage of operating budget per fulltime equivalent, \$7,200. The U of A also placed second in the class size category for first- and second-year classes. And the University placed fourth in the percentage of its operating budget it spends on scholarships and bursaries.

"Our general feeling is that we should be in the top five," said Roger Smith, Acting Vice-President (Academic), "so it's not a surprise that we're in that general area." Dr Smith said the survey probably matters more than it really should.

"It does cause us to look at those areas where we are generally doing well, according to their [*Maclean's*] criteria, and those areas where we're doing poorly, and ask how we can improve," he said. "We do have to be selective in how we use this information."

"I believe the momentum is with us at the University and the ranking is an indication that the momentum is going in the right direction," said Board of Governors Chair John Ferguson.

The fact that the U of A has a strategic plan and is implementing it is being recognized by others, he said.

Since its inception, the *Maclean's* ranking has generated considerable debate in the university community across Canada. Some institutions have continued to cooperate with the magazine, arguing that although the methodology is seriously flawed, the ranking is a move in the right direction to comply with the public demand for more accountability.

But this year a number of institutions did not participate in the survey, arguing that the ways in which the magazine uses

the data are flawed. *Maclean's* relies heavily on institutions' cooperation to conduct the survey. Many simply didn't provide the magazine the necessary data. Among the universities not participating this year were: Manitoba, Moncton, Montréal, Sherbrooke, Regina, Winnipeg, Concordia, Memorial, Laval, Carleton and Québec (five campuses).

The U of A ranking did reflect some positive developments over the year. First, overall research grants to the U of A were up. There was an increase of about \$800,000 in Medical Research Council grants on a base of \$14 million. And grants in the social sciences and humanities and natural sciences were both up.

Second, the University put more money into students' pockets: scholarships and bursaries received by students increased by eight percent, from \$14.8 million to \$16.1 million. Third, expenditures for library acquisitions rose from \$6.6 million to \$7.7 million, an increase of 16.9 percent.

Even though the average freshmen entering matriculation average increased from 78.3 percent to 79.1 percent, and the propor-

tion of students with matriculation averages of 75 percent or higher increased from 67.7 percent to 72.7 percent, the U of A was ranked 10th out of 11 institutions in the average entering grade category and in the proportion with 75 percent or higher category. The U of A placed 10th in the alumni support category and 10th in the classes taught by tenured faculty category.

Maclean's rankings

1994		1993
1	University of Toronto	3
2	Queen's University	2
3	McGill University	1
4	University of British Columbia	4
5	McMaster University	5
6	University of Alberta	10
7	Dalhousie University	8
8	University of Saskatchewan	13
8	University of Western Ontario	11
9	University of Calgary	6
10	University of Ottawa	9

Board approves Faculty of Science proposals for new programs

Besides training for graduate studies, programs are aimed at meeting employers' needs

By Michael Robb

The Board of Governors last Friday approved a number of new degree programs that people within the Faculty of Science believe will increase students' job prospects and meet employers' needs.

The Faculty will start offering the programs in 1995-96, and will do so without additional resources. Meanwhile, departments within the Faculty are examining existing programs and anticipating that some with low enrollments will be discontinued.

The new programs represent a shift in ethos. Many within the Faculty have recently suggested that its programs have to be more than simply preparatory degree programs for graduate studies. The new internship programs are designed to increase the Faculty's contacts with potential employers of its graduates.

The new programs include:

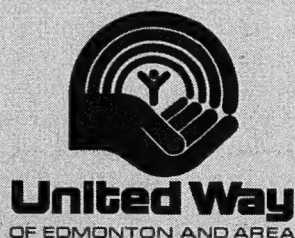
- BSc with specialization in computing science, minor in business;
- BSc (General), minor in business;
- BSc with specialization in mathematics and finance;
- BSc with specialization in mathematics and statistics for actuarial science;
- BSc with honours in cell biology and BSc with specialization in cell biology;
- BSc with honours in neuroscience;

- BSc with specialization in environmental physical science;
- Industrial internship program in the Department of Chemistry;
- Industrial internship program in environmental physical science.

The BSc with specialization in computing science and a minor in business will admit a maximum of 20 students annually. The total number of students in the program at any one time will be limited to 70.

The BSc (General) with a minor in business will admit a maximum of 50 students annually. The total number of students in the program at any one time will be limited to 175.

The BSc with specialization in mathematics and finance will admit a maximum of 15 students annually. The total number of students in the program at any one time will be limited to 50.



Unexpected rewards for donors

By Judy Goldsand

Donors to the United Way Campaign have the satisfaction of knowing that they have helped those in greatest need, and that their contributions to the largest voluntary funder of social services in our community are distributed efficiently and effectively. But there are extra rewards for University staff members making gifts through payroll deduction.

Many merchants and service providers show their support for the United Way by donating gifts to be used as tokens of appreciation for early donors. All staff who donate through payroll deduction are eligible for Early Bird Draws held every Friday until the end of November.

Winners of the 4 November Early Bird Draw were: Pauline Peters (Extension) and Dale Wilkie (English), each a family pass to the Devonian Botanic Garden; Linda Reutter (Nursing), Mickey Mouse telephone from ED TEL; Dorothy Walker (Cardiology), gift certificate for The Sawmill Restaurant, courtesy of ED TEL Mobility; Art Quinney (Physical Education and Recreation), general interest course from Extension; Christyne Carr (Physical Plant), \$25 University Bookstore gift certificate; Bill Gryba (Physical Plant) office chair from Miller's Office Furniture; and Karen Hughes (Women's Studies), service package and fanny pack from Mr Lube.

BOARD OF GOVERNORS

BRIEFS

Bob Rosen reappointed

Bob Rosen has been reappointed to the Board for another one-year term. His term will end October 1995.

Presidential installation date set

At its regular meeting last Friday, the Board was informed that the installation of Rod Fraser as the next President of the U of A will take place 20 January 1995.

Rethink collective agreement, Minister urges

The Minister of Advanced Education and Career Development has directed the Board of Governors to "rethink its collective agreement with respect to provisions for abolishing academic staff positions and for terminating the employment of academic staff members when financial exigencies or staff redundancies make such actions necessary."

Jack Ady, in his 20 October letter to the Board, said, "I trust you will make every effort to come to agreement on new position abolishment and employment termination provisions. I expect to review the progress made by the end of February, 1995, before considering further action."

Development and Community Affairs program review

The Board agreed to hire a consultant to review the University's advancement program in order to ascertain its current readiness for a campaign and to recommend specific steps that are needed to ensure a successful campaign.

Dentistry will admit students next fall

By Michael Robb

Students will be admitted to the Faculty of Dentistry in fall 1995. This lessens the pressure of having to make quick decisions on the Task Force Report on Dentistry proposals, says Board of Governors Chair John Ferguson.

The Board has also agreed to a process whereby General Faculties Council and the Board will consider the Task Force proposals.

The Task Force, established by the Board, submitted its report on 1 November. The administration is expected to review the proposals and advise the Board of Governors at a special meeting in late November or early December about the financial and academic viability of the proposal.

If the administration believes the proposal is viable, it will recommend to the Board that GFC's endorsement be sought. If the proposal is not seen as viable by the administration, the Board will then need to decide if it wishes to take the proposal to GFC without the administration's support.

The proposal would be considered by the Academic Development Committee and the Planning and Priorities Committee before proceeding to GFC. GFC would either endorse or not endorse the proposal. The proposal would then be transmitted to the Board of Governors through the President, likely between December 1994 and February 1995.

A decision by the Board would be made sometime in March or April 1995.

Revised APO agreement okayed

The Board ratified the revised administrative professional officer agreement. The APO membership of the Association of Academic Staff has already endorsed the revisions. The agreement covers about 260 employees, who are in middle and senior management positions.

Plan being developed for residences

Glenn Harris, Vice-President (Finance and Administration), has informed the Board that the administration is developing a conceptual plan for dealing with the University's residences on a long-term basis. The concept, which will be presented to the Board's Finance and Property Committee next month, will be developed jointly by Housing and Food Services, Planning and Development, and the Investment and Real Estate Office. The planning will involve key stakeholders as well.

Board endorses GFC's academic decisions

The Board approved a proposal from the Faculty of Physical Education and Recreation to become a nondepartmentalized Faculty. The Faculty will have four program areas; the changes will take effect 1 January 1995.

The Board also approved:

- the elimination of the BA (Canadian Studies) degree program, effective September 1995;
- the elimination the BA (East Asian Studies) degree program, effective September 1995;
- the establishment of a combined BA (Honors) in Creative Writing degree program, effective 1995-96;
- the establishment of a BA (Honors) in Women's Studies degree program;
- the elimination of the post-diploma physical therapy degree completion program, effective September 1996;
- the establishment of a regional BED pilot project in conjunction with Grande Prairie Regional College, providing the provincial government funds the program; and,
- the adoption of a one-plus-three model for the Faculté Saint-Jean BED degree program, effective September 1995.

FOLIO

Volume 32 Number 12

OFFICE OF PUBLIC AFFAIRS,
400 ATHABASCA HALL
UNIVERSITY OF ALBERTA, EDMONTON,
ALBERTA T6G 2E8
TEL: (403) 492-2325 FAX - 492-2997
PROFS - ZZOPA

All enquiries and correspondence should be directed to:
RON THOMAS: EDITOR
MICHAEL ROBB: ASSISTANT EDITOR

CONTRIBUTORS:

Judy Goldsand
Sandra Halme
Tony Myers
Elsa Roehr
Astrid Sneddon

Graphic Design: Ray Au

Public Affairs produces Folio on a regular basis for employees and volunteers at the University of Alberta.

Folio's mandate is to serve as a credible news source for internal audiences by communicating accurate and timely information about issues, programs, people and events.

DEADLINES:

Notice of coming events: 9 am three weeks in advance of event. Classified advertisements: 3 pm one week before desired publication date. This date also serves as the deadline for cancellation of advertisements. Advertisements cost 40 cents per word with no discount for subsequent insertions. There is a limit of 40 words and a minimum charge of \$2.00. Advertisements cannot be accepted over the telephone. All advertisements must be paid for in full at the time of their submission.

Display advertisements: 3 pm Friday, seven days before desired publication date. Camera-ready artwork is required to size, complete with halftones if necessary. Call 492-0436 for sizes, rates and other particulars.

The editor reserves the right to limit, select, edit and position submitted copy and advertisements. Views expressed in Folio do not necessarily reflect University policy. Folio contents may be reprinted with acknowledgment.

ISSN 0015-5764 Copyright 1994



University
of
Alberta

CURRENTS

Kodak displaying new product lines

Kodak Canada, in conjunction with Polaroid Films, will host a display of new product lines on 24 November from 9 am to noon at Photo Services, 106 Temporary Lab Building. Everyone is welcome to attend; refreshments will be served.

Biological Sciences Chair Selection Committee invites input

The Chair Selection Committee for the Department of Biological Sciences has been established. Suggestions and comments to this committee are to be made before 1 December 1994 by writing to Dr RE Peter, Dean, Faculty of Science, CW-223 Biological Sciences Centre.

Research results may change way antibiotic is administered

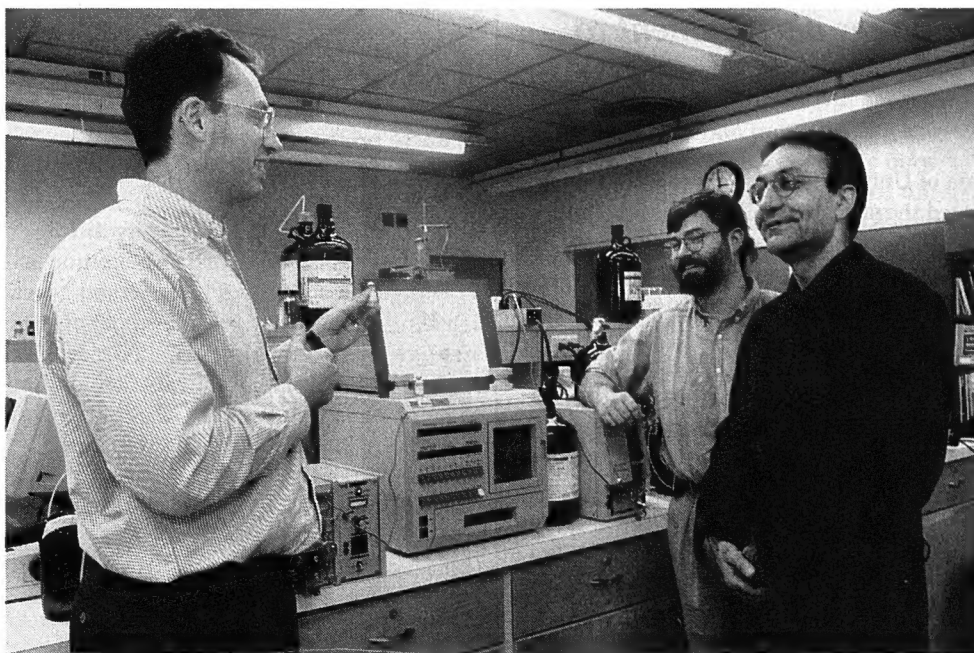
By Elsa Roehr

Researchers can now predict, more accurately and conveniently, the concentrations of an antibiotic used to fight serious infections. The findings will help doctors to better administer the antibiotic for the greatest effectiveness and to avoid concentrations that increase negative side-effects. More effective treatment can also translate into shorter hospital stays, and have the potential to save a significant amount of money.

Fakhreddin Jamali and two graduate students, pharmacists Brian Corrigan and Patrick Mayo, collected data on age, sex, height, and weight of 243 patients; the amount and frequency of the doses; and other information. They then used a neural network to study when the serum reached peak concentrations in the patients' bodies and to predict dosages and times of administering the medication.

Neural networks are computer programs that are based, in part, on the structure and function of the human brain. Such networks are valuable tools in pattern recognition.

"This can be a part of pharmaceutical care," says Dr Jamali. He notes that the trend is toward doctors prescribing the particular drug, and a pharmacist working out the dosage regimen. "We can predict the kinds of treatment regimen for that particular type of patient," Dr Jamali says.



Fakhreddin Jamali, right, Patrick Mayo, centre, and Brian Corrigan can predict with a high degree of accuracy the concentrations of an antibiotic used to fight serious infections.

Mayo is already using the information in Edmonton hospitals. "We are working with one of the kineticists at the Misericordia Hospital to compare how well the neural network performs compared to established methods, which are based on some rather tedious equations and manually collected samples," he says. "This is

much less invasive, because it doesn't rely on serum levels and on poking the patient."

"This is yet another example of a quick transfer of significant research findings to the bedside for the benefit of the patient," says Dick Moskalyk, Dean of the Faculty of Pharmacy and Pharmaceutical Sciences. "My congratulations to Dr Jamali and his colleagues."

Universal teaching evaluations moving towards implementation

By Astrid Sneddon

In October 1993, General Faculties Council endorsed a proposal calling for the implementation of universal teaching evaluations. The basic intent of these evaluations was to ensure that all courses and professors were rated by students at the end of the term, and to make these ratings available to all students.

The policy called for instructors to use a universal 14-item questionnaire for student evaluation of every course, every year. Additional items may be added to the questionnaire by individual instructors and Faculties.

Associate Vice President (Academic) Doug O'wram, who has the task of fine-tuning the policy's guidelines, has run into a few snags and says, "It has been hard to anticipate some of the pitfalls associated with implementing teaching evaluations." Some recommendations in the proposal have come under fire from both the Students' Union and the Academic Staff Association (AAS:UA).

Garrett Poston, SU Vice-President (Academic), was surprised by the chosen method of summarizing the results of the evaluations. "We had expected numerical evaluations, not the use of symbols [* / #]," he says. "Those symbols would not be terribly useful to students attempting to learn more about their potential professors."

The AAS:UA expressed concern that "student evaluations are an imperfect measurement tool." In its October 1994 newsletter, the Association suggests that evaluation be viewed in a long-term context ("One bad result should not be given much weight in the context of years of good results") and, should consistently poor results be received, other information, for example, peer reviews, must be required before any penalties are imposed.

Faculty members are hesitant about the evaluations being made available on CWIS (Campus Wide Information System) because, since the system can be accessed via the Internet, the evaluations would be open not only to students, but to the larger community as well.

In a letter to Department Chairs, Deans, and Directors, Dr O'wram stated that numerical summaries will be used, and that for this year these summaries will not be made available through CWIS. A hard copy of the summaries will be made available to the Students' Union which will likely make the information available through either the SU Registries or Information Services. In addition, a "script" will accompany the evaluations. It is to be read before distribution to ensure that the evaluations are uniformly presented to students.

In January, a committee representative of stakeholders—students, faculty, professional evaluators, department chairs—will be struck, Dr O'wram says. Its objective is to re-evaluate the questionnaire and to recommend both technical and policy changes to GFC.

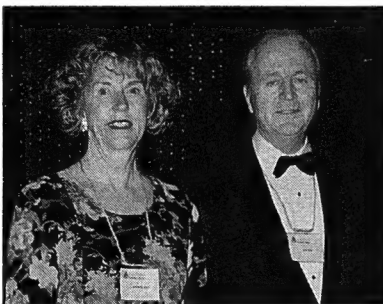
The administration is committed to the principle of student rating of teaching, and the first set of universal teaching evaluations should be administered next month. The challenge now lies in dealing with logistical details to ensure that the evaluations are utilized effectively.

PRESIDENT'S DINNER '94

The annual President's Dinner held 2 November was the first opportunity for many of the University's major supporters to meet President-elect Rod Fraser and hear his vision for taking the University into the 21st century. In addition, supporters were introduced to the research publication *Making Sense* which highlights areas of research excellence at the University.



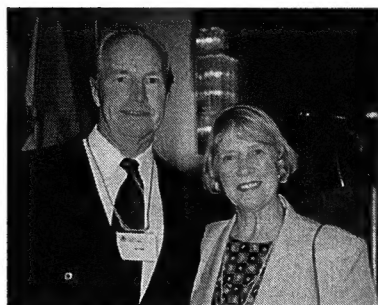
From left, Kelly Wambold, Ed Makarenko, Suzanne Scott, Scott Gilmore, Sasha Krstic, Jason Frank



Darlene and Jack Ady



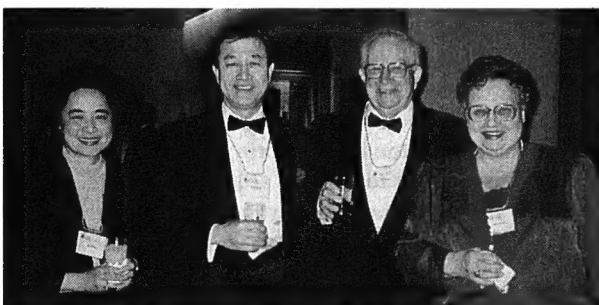
John Ferguson, Gayle and Rodney Schneck



Ted and Lois Hole



Rod Fraser, Judith Fraser, Susan Jensen



Rosa and Larry Wang, Dan and Edna Lawton

McConnell resigns from DCA vice-presidency

By Folio staff

John McDonald, Acting President, has announced that John McConnell, Vice-President (Development and Community Affairs), has resigned his position and will be leaving the University of Alberta.

Under McConnell's leadership, private gifts to the University increased 13 percent, to a total of \$14.2 million over the past year; the number of alumni donors increased from 6,627 in 1992-93 to 11,026 in 1993-94.

In making the announcement, Dr McDonald said, "We thank John for his work with the University's fund-raising and other programs, both internal and external, and we wish him the best in his future endeavours."

"This is a time of presidential transition and, therefore, a good time for me to make this decision," says McConnell. "I have appreciated the opportunity to work with

people inside and outside the University to enhance the infrastructure for our fund-raising, alumni, and other external relations programs."

"Generating increased private gift commitments for the University from donors, including those from Hong Kong and Japan, has given me a great deal of satisfaction."

McConnell's resignation is effective 31 December 1994.

GSA, AAS:UA working together to respond to federal policy paper

Standing committee on human resources development to meet in Edmonton

By Michael Robb

The Graduate Students' Association and the Academic Staff Association will be submitting a jointly prepared brief to the federal government's standing committee on human resources development.

The committee, which will be meeting in Edmonton 18 and 19 November, is holding meetings across the country to give Canadians the opportunity to comment on Lloyd Axworthy's recently released discussion paper, *Improving Social Security in Canada*.

Since its release, many people in the postsecondary education sector have been harshly critical of the document. In it, Axworthy suggests one option may be to phase out the federal government's cash transfers to the provinces for postsecondary education, and replace that with an expanded system of loans and grants to students. The government is also floating the idea of establishing an income-contingent repayment loan scheme.

The AAS:UA has set up a focus group consisting of Ken Norrie (Economics), Susan Jackel (Canadian Studies), Rick Szostak (Economics) and Vern Paetkau (Biochemistry). That group will work with a similar group from the GSA to develop a response to the discussion paper.

GSA Vice-President (Academic) Brent Roe said the GSA and Faculty Association have many similar interests, and it makes sense to cooperate with one another.

AAS:UA President Ann McDougall said people have had their attentions diverted to the more local issues raised in the provincial government's white paper. But after people who attended the recent Canadian Associa-

tion of University Teachers conference heard the speech by MP Anne McLellan, they agreed the following day to devote some time to discuss the implications of proposals contained in the federal discussion paper.

Acting President John McDonald informed the Board of Governors last Friday that the University would be submitting its views to the standing committee. Students' Union President Suzanne Scott said the SU would also be addressing the standing committee and working with other major universities' student organizations to develop a common strategy on the paper.

Dr McDonald pointed out that the Association of Universities and Colleges of Canada and the provincial Department of Advanced Education and Career Development are analyzing the implications of the federal proposals. "Frankly, we don't know much yet."

He said he concluded from McLellan's speech that the federal government is determined to lower its expenditures.

Board member Paul Wacko said governments are saying to universities that they must find new revenues. "It's vital we look at different sources of raising revenues," he said, and those institutions that get their houses in order first will most likely be rewarded.

Dr McDonald said it's important for Board members to realize that the University of Alberta is way ahead of other universities in that regard. The U of A, he reminded Board members, was the first in the country to make selective cuts.

The subject is scholarships

By Sandra Halme

Business students met recently with Oskar Grun, a professor at the Wirtschafts Universitat in Vienna who is responsible for coordinating the Joseph and Melitta Kandler Scholarships for International Student Exchange with Austria.

Four scholarships (one graduate and three undergraduate) are awarded to U of A Business students interested in international business and studies. Dr Grun told the students the scholarships offer an ex-

cellent opportunity to learn about Europe and the European Economic Community. Dr Kandler is a native Austrian who immigrated to Canada in 1952 and became extremely active in the Edmonton community, including serving as a member of the U of A Board of Governors and Senate. He also created the Edmonton and Victoria Johann Strauss Foundations to support students pursuing advanced music study.



Styn Franken (third year), second from right, and Albert Pelletier (second year) talk with, left to right, Ingrid Grun, scholarship benefactor Joseph Kandler, Melitta Kandler and Dr Grun about the possibilities for study in Austria.

Get thee to the Gallery

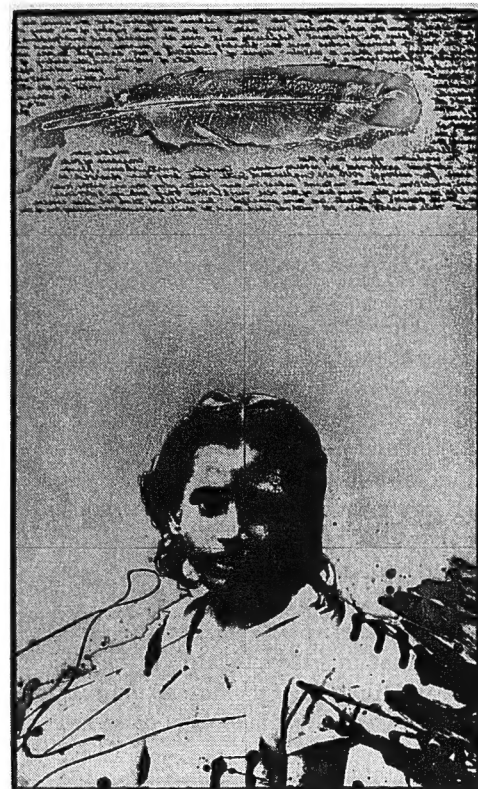
FAB mounts major retrospective of Ryoji Ikeda's prints

The Department of Art and Design's FAB Gallery welcomes a major retrospective of work by the internationally celebrated Japanese print artist, Ryoji Ikeda. His work will be exhibited from 15 November to 4 December.

Ikeda is visiting the University during the period of his retrospective exhibition as a distinguished visiting professor and guest artist in residence to the Department of Art and Design's printmaking unit. His visit is sponsored by the Japan Canada Foundation of the Canada Council, the Office of the Vice-President (Research) and the Consulate General of Japan.

On Thursday, 17 November, Ikeda will deliver a public lecture on his work (L-1 Humanities Centre, 5 pm).

Ikeda's prints explore themes of time, memory and identity in which literal meaning is permeated with metaphysicality. Exploring colour, texture and depth of field, some of his prints are on a large scale—stretching over several feet. The large number of works in the exhibition will give visitors the opportunity to gain some insight into the work of this much honoured artist.



Ryoji Ikeda: "Skin a/avec Antoni Tapies" Etching 1979

Coop students encouraged to spend work term in Japan

U of A now a participant in federal program

By Michael Robb

There's no doubt that engineering and science cooperative education students who spend a work term in Japan have a competitive edge in the job market, says the placement coordinator for the federal Co-op Japan Program.

Evelyn Shaw says the students return with valuable research and development experience. "They also demonstrate to future employers that they are extremely adaptable, by living and working in another culture."

Many Canadian companies are looking for employees who can function in the increasingly global marketplace. For example, a company like Northern Telecom certainly appreciates employees who have Pacific Rim experience, explains Shaw.

The University of Alberta has recently become a participant in the Co-op Japan Program, established in 1991 under the auspices of the federal government's Pacific 2000 Japan Science and Technology Fund. The program has been developed to give young Canadian engineers and scientists hands-on experience in Japanese industrial engineering and research practices.

In the longer term, the federal government is hopeful the program will enhance scientific and industrial exchanges between the two countries.

Only the best students are accepted, however. They must be in senior-level coop science and engineering programs, have a minimum average of 75 percent and at least one year of Japanese language study, including a one-month intensive Japanese language and culture program, taken in Vancouver just prior to travelling to Japan. Students must also have at least eight months to one year related work experience prior to their placement with a Japanese company.

Work terms in Japan are eight months to one year in length. Students live in company dormitories. The companies are generally in

the Tokyo and Osaka areas and most are internationally oriented.

So far 80 placements have been developed and more than 40 companies in Japan have received students. In the beginning, only four universities were participants: Victoria, Simon Fraser, Waterloo and Sherbrooke. Twelve other universities, from coast to coast, have recently signed on, including the Universities of Alberta and Calgary.

Organizers say the program will never have huge numbers of students participating. However, Shaw is hopeful the University of Alberta will send its first participant soon. "We need those first students to come back and speak about their experiences with their peers."

REMINDER

The Employment Equity Census of Term & Temporary Staff (academic and non-academic, full-time and part-time) is coming

NOVEMBER 15, 1994

Employees will receive their Census Questionnaires through campus mail on November 15, 1994. Please return them to the Office of Human Rights in the envelope which will be provided with the Census.

For more information, call:
Cathy Anne Pachnowski
Employment Equity Coordinator
Office of Human Rights
252 Athabasca Hall
492-3020

The Census is being conducted as part of *Opening Doors: A Plan for Employment Equity at the University of Alberta*

Poster depicts a coming together of people

Soon to appear on special bulletin boards on campus

By Ron Thomas

When he was invited to create a poster on behalf of the Office of Human Rights (OHR), Ernest Gladue drew on the principle of inclusiveness and even more so on his heart and mind and the ways of his people.

A visual communications student at Grant MacEwan Community College, Gladue approached the poster with the idea of having it say: "Define your soul and spirit, be more humble with yourself, and be kind to people around you. Reach that understanding between yourself and your spirit."

The extended hands in "Let Your Spirit Guide You", are reaching for a more solid world, for unity in a time of chaos, Gladue says. At the same time, the poster advises people to protect and appreciate Mother Nature because water, trees and air are what keeps them alive.

Gladue is from Fort Chipewyan and is a member of the Micsou First Nations Cree. He has been in Edmonton since 1989 and has been drawing posters and illustrating signs for the past decade.

"There isn't a pattern to it [the poster], but there's a beauty to it," observes Fran Trehearne, Director of OHR. "To me, the poster says there's unity and beauty in that huge mixture of diversities and that we should trust that the universe will provide."

"There isn't a pattern to it [the poster], but there's a beauty to it."

Fran Trehearne, Director, Office of Human Rights

The idea of doing a poster came from *Opening Doors: A Plan for Employment Equity at the University of Alberta*, which recommended that OHR "should install, in high-traffic areas, specially-identified bulletin boards for postings on human rights and employment equity." Trehearne and his staff then reasoned that such "postings" should from time to time go beyond standard notices of meetings and events and include creative, highly visible material.

Besides originality and colour (acrylics on Mayfair paper), the poster has a practical element. Two hundred signed copies will be printed and all money from sales will be turned over to the University's Office of Native Student Services. We need to sell 80 to break even, Trehearne says, adding that if all 200 are sold (at \$20 each), Native Student Services would receive nearly \$2,000.

The poster's image has been imprinted on T-shirts which are available through OHR at a cost of \$16 (no GST).

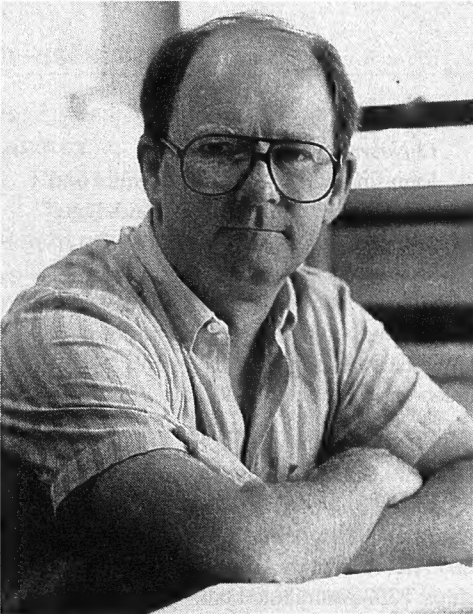
The sale of 60 posters to the Canadian Association Against Sexual Harassment in Higher Education (which meets in Banff later this month) means that Gladue's honorarium and the printing costs are covered.

Next year, OHR, in collaboration with Art and Design Professor Jorge Frascara, will conduct a competition that will result in another student-designed poster, the sales of which will be given to the Office of Services for Students With Disabilities.

The brain in a new light

MacEachran Lecturer contends the organ is modularly organized

By Folio staff



Max Coltheart

As Max Coltheart puts forward his views on brain functioning, he will question the view that the brain functions as a unitary system in processing cognitive information. Instead, he will propose that different parts of the brain have distinct cognitive capabilities. Thus, the brain has a language module, it has a separate object and face recognition module, and these modules are but two of the many components of a modularly-organized brain.

Professor Coltheart, who heads the Department of Psychology at Macquarie University in Sydney, Australia, is the speaker for the 20th Annual MacEachran Memorial Lecture Series, to take place 14, 15 and 16 November at 7:30 each evening in CW-410 Biological Sciences Centre. The series, which is entitled "Our Mental Lexicon: Empirical Evidence of the Modularity of Mind," will also see Professor Coltheart maintain that the brain's organization must

be regarded not only as modular but also as hierarchical, with each module itself having a modular organization.

Professor Coltheart is a leading authority in the fields of cognitive science and neuropsychology. He is the founding editor and editor-in-chief of *Cognitive Neuropsychology*, a journal that, according to the Institute of Scientific Information, is the most influential publication in the world in the area of neuropsychology.

Professor Coltheart's interests include research projects in developmental dyslexia, models of reading aloud, and neurophysiological impairment of semantic memory.

The Department of Psychology initiated the MacEachran Lectures in 1975 as a tribute to John MacEachran, the first chair of the department and a prime mover in the early development of psychology in the University and in the province.

Budget Continued from page 1

We didn't sustain 1993-94 enrollment levels this year and that cost us \$2 million this year," Harris said. "Starting next year, if we do not get enrollment levels back up over that 98 percent threshold, we start to lose [provincial] grant revenue as well, at a rate of \$2,500 per student below the 98 percent threshold."

Citing a decrease in enrollment in the Faculty of Nursing, Associate Vice-President (Academic) Roger Smith said there's no reason to believe, given what's happening in the health care field, that that will turn around. "We're clearly going to have to come up with a set of financial structures which encourage increased enrollment in other areas."

Board member Elmer Brooker said rising costs and rising debt loads as a result of a heavier reliance on student loans may mean people are becoming less willing to enroll in programs.

Another Governor, Tom Shields, said the University has to have the flexibility to move [resources around] within the institution. "For too long this institution hasn't reacted to market forces; we have to acknowledge that there is not a market for a Faculty's graduates." On the other hand, he pointed out that the University this year turned away droves of applicants to the Faculty of Science.

Acting President John McDonald said society is going through a period of very rapid change and the University has to ride that change and steer a course that will allow it to do what's needed in the province. "We can only do that if we work in cooperation with government and other institutions. I don't want to sound alarmist, but I really am quite nervous about the potential dangers that might result in Alberta training

many fewer people than it really needs."

On other budget-related issues, Harris reminded Board members that the University has a policy that states the operating reserve should be about one percent of the operating expenditures. "Within our budget planning, we will have to look at restoring the operating reserve to some level. The very existence of that reserve this year allowed the University to deal with its negative variance without having to go back and make budget adjustments. We want to avoid that."

And the University will have to determine whether it wants to continue transfers from operating to capital. "That's a major issue we'll have to talk about."

Schedule 1.1 University of Alberta Operating Budget, Gross, 1994-95 (\$ in thousands)			
		1993-94 Actuals (A)	1994-95 Budget (B)
Revenue			
Government Grants			
1	Operating Grants	261,427	232,521
2	Capital Renewal Grant	8,401	7,477
Tuition Fees			
3	Tuition Fees	54,582	60,568
Other Student Fees			
4	Other Student Fees	11,168	10,824
Investment Income			
5	Investment Income	4,072	3,610
Other Income			
6	Other Income	24,829	22,480
Sponsored Research Overhead			
7	Total Overhead	3,508	3,300
8	Allocation of Overhead	(3,086)	(1,980)
Other Transfers			
9	Other Transfers	3,001	2,569
Appropriations			
10	Appropriations	4,085	6,900
Ancillary Units			
11	Ancillary Units	117,149	114,664
Total Revenue		489,136	462,933

Revenues

Schedule 1.2 University of Alberta Operating Budget, Gross, 1994-95 (\$ in thousands)			
		1993-94 Actuals (A)	1994-95 Budget (B)
Expenditures by Type			
Salaries and Benefits			
12	Academic - Continuing	134,035	136,243
13	Academic - Temporary	16,235	15,218
14	Graduate Appointments	15,582	14,712
15	Support Staff Salaries	81,863	83,846
16	Benefits	39,382	43,572
17 Sub-Total		287,097	293,591
Non-Salary Expense			
18	Supplies and Services	55,975	52,968
19	Utilities	13,928	14,570
20	Library Acquisitions	6,726	6,806
21 Sub-Total		76,629	74,344
22 Departmental Revenue		(21,902)	(18,876)
23 Conditional Programs		1,060	843
24 Early Retirement Incentive		65	4,900
25 Contingencies		-	1,258
26 Provision		-	-
27 Capital Transfers		14,101	11,477
28 Other Transfers		4,185	3,121
29 Appropriations		9,492	2,000
30 Ancillary Expenditures & Transfers		117,149	114,664
Adjustments			
31 Special Reductions Prior Years		-	(300)
32 Base Reductions		-	(24,089)
33 Unidentified Reductions		-	-
Total Expenditures		487,876	462,933

Expenditures

ACCOUNTING AND MANAGEMENT INFORMATION SYSTEMS

25 November, 2 pm

James Gaa, McMaster University, "Toward a Theory of Moral Expertise: A Verbal Protocol Study of Public Accounting Professionals." B-05 Business Building.

AGRICULTURAL, FOOD AND NUTRITIONAL SCIENCE

16 November, 11 am

Soliman Shenouda, technical manager, Latin America Region, Kraft General Foods International, Rye Brook, New York, "Multi-national Company's Success/Failures in Food Product Formulation Congruent With the Challenges That Exist in Today's Global Marketplace." 1-13 Agriculture-Forestry Centre.

24 November, 12:30 pm

Barry Irving, "Native Grassland Integrity in Alberta: What is its Future?" 1-30 Agriculture-Forestry Centre.

ART AND DESIGN

17 November, 5 pm

Ryoji Ikeda, visiting professor, Musashino Art University, Japan, "Ryoji Ikeda: Works 1979-1994." L-1 Humanities Centre.

17 November, 7:30 pm

Exhibition Opening Reception, "Ryoji Ikeda: Works 1979-1994." Fine Arts Building Gallery.

BIOLOGICAL SCIENCES

18 November, noon

Sue Crites, "A Substrate for Maintaining Biodiversity." G-208 Biological Sciences Centre.

18 November, 3:30 pm

Jerry Buzzell, "The Rodent Hiderian Gland: An Exocrine Enigma." M-149 Biological Sciences Centre.

25 November, noon

Craig Machtans/Susan Hannon, "Experimental Fragmentation of the Boreal-Mixed Wood: Corridors, Connected Reserves and Target Species." G-208 Biological Sciences Centre.

25 November, 3:30 pm

Reuben Kaufman, "Trust Me, This Will be a FantasTICK Seminar." M-149 Biological Sciences Centre.

CATHOLIC CAMPUS MINISTRY

15 November, 7:30 pm

Father Brian Inglis, "Understanding Catholicism Today—Faith, Our Response to Revelation." St Joseph's College.

CENTRE FOR INTERNATIONAL BUSINESS STUDIES

17 November, 3:30 pm

Brian Stevenson, associate professor, Department of International Studies, Instituto Tecnológico Autónomo de México (ITAM), Mexico City, "The Mexican Elections in 1994: Implications for Canada." RSVP: 492-2235. 3-10 Business Building.

CENTRE FOR INTERNATIONAL EDUCATION AND DEVELOPMENT

16 November, 10:30 am

Violeta Lopez-Gonzaga, executive director, Institute for Social Research and Development, University of St La Salle, Philippines, "Saving the Environment: People's Educational Initiatives in the Philippines." 5-180 Education North.

CHEMICAL ENGINEERING

10 November, 3:30 pm

Jim Zurcher, "Application of Artificial Intelligence to Improve Pulp Mill Operations." 342 Chemical-Mineral Engineering Building.

17 November, 3:30 pm

Jacob Masliyah, "Teaching of Electrokinetic Transport Phenomena in Engineering and Science." 342 Chemical-Mineral Engineering Building.

24 November, 3:30 pm

Dongqing Li, "Surface Thermodynamics and Interfacial Phenomena." 342 Chemical-Mineral Engineering Building.

CHEMISTRY

25 November, noon

Ken Standing, University of Manitoba, "Time of Flight Mass Measurements on Large Biomolecules—Making Them Fly by Matrix-Assisted Laser Desorption and Electrospray." V-107 V-wing.

COMPUTING SCIENCE

21 November, 3:30 pm

Ruud M Bolle, manager, Exploratory Computer Vision and Intelligent Robotics Group, IBM Thomas J Watson Research Center, "Computer Vision in the Supermarket." 2104 Dentistry-Pharmacy Centre.

ECO-RESEARCH CHAIR IN ENVIRONMENTAL RISK MANAGEMENT

10 November, 3 pm

Xiao-Chun Le, "Environmental Studies Using State-of-the-Art Analytical Technologies." Classroom F, 2F1.04 Mackenzie Health Sciences Centre.

14 November, 3:30 pm

David M Janz, "Investigating Possible Hormonal Mechanisms Responsible for Decreased Reproductive Success in Wild Avian Species Exposed *In Ovo* to Dioxin." Classroom J, 2H1.22 Mackenzie Health Sciences Centre.

18 November, 2 pm

Gordon M Kirby, "Biomarkers of Exposure and Susceptibility in Liver Cancer Risk Assessment." Classroom D, 2F1.04 Mackenzie Health Sciences Centre.

25 November, 3 pm

Laurie HM Chan, "Cadmium—Toxicity and Exposure Assessment." Classroom F, 2J4.02 Mackenzie Health Sciences Centre.

ENVIRONMENT RESOURCE MANAGEMENT

15 November, noon

Violeta Lopez-Gonzaga, visiting SEAMO Jasper Fellowship Scholar, executive director, Institute for Social Research and Development, University of St La Salle, Bacolod, Philippines, "People-initiated Environmental Education, Rehabilitation and Conservation Programme: A Case Study of Cauayan, Negro Islands, Philippines." 2-47 University Extension Centre.

17 November, noon

Frances W Kaye, professor and editor of Great Plains Studies at the University of Nebraska-Lincoln, Fulbright Professor of History, University of Calgary, "The Tantalizing Possibility of Living on the Plains." 2-47 University Extension Centre.

FACULTÉ SAINT-JEAN

19 novembre, 19h30

Henri Boch, Université de Nice-Sophia Antipolis, "Le Paranormal Face à la science." Salle 03 Faculté Saint-Jean.

TALKS



GEOGRAPHY

18 November, 3 pm

John England, "Glacier Dynamics and Regional Uplift on Ellesmere Island: New Evidence." 3-36 Tory Building.

25 November, 3 pm

Charles Younge, adjunct professor, Department of Physics and Astronomy, University of Calgary, "Caves and Paleoenvironments." 3-36 Tory Building.

HUMAN ECOLOGY

15 November, 12:30 pm

Berna Skrypnek and Aine Humble, "Love and Attachment in Adult Intimate Relationships." 357 Assiniboia Hall.

17 November, 1 pm

Mary Okkerse, "West African Textile Production: Gender and Spirituality." 131 Home Economics Building

LAW

22 November, 8 pm

The Merv Leitch, QC, Memorial Lecture. The Honourable Willard Z Estey, CC, LLM, LLD, QC, former Supreme Court of Canada Justice, "Quebec and Canada: One Constitutional Watershed." 237 Law Centre.

24 November, noon

Jack O'Neil, former Chief Commissioner, Alberta Human Rights Commission and chair, Review Panel on Alberta Human Rights, "Human Rights Report: Equal in Dignity and Rights." 201 Law Centre.

25 November, noon

Shelley Gavigan, Osgoode Hall Law School, "A Parent(ly) Knot: Can Heather Have Two Mommies?" 4th Floor, Law Centre.

LINGUISTICS

14 November, 3 pm

Leslie Saxon, Department of Linguistics, University of Victoria, "Subject Agreement in Athapaskan." 4-70 Assiniboia Hall.

LIMNOLOGY AND FISHERIES DISCUSSION GROUP

17 November, 12:35 pm

Doug Craig, "Form, Flow, and Function: Implications for Aquatic Respiration." G-116 Biological Sciences Centre.

24 November, 12:35 pm

Bill Tonn, "Fish Assemblages in Small Forest Lakes: Importance of Habitat, Colonization and Extinction in North America and Northern Europe." G-116 Biological Sciences Centre.

LIPID AND LIPOPROTEIN RESEARCH GROUP AND SIGNAL TRANSDUCTION LABORATORIES

18 November, noon

UK-Canada Rutherford Lecture. Robert H Michell, Royal Society Research Professor, Centre for Clinical Research in Immunology and Signalling, University of Birmingham, England, "Inositol Lipids and Phosphates in Cell Regulation." Sponsor: Royal Societies of Britain and Canada and Alberta Heritage Foundation for Medical Research. 2F1.04 Mackenzie Health Sciences Centre.

PERINATAL RESEARCH CENTRE

17 November, noon

PD Gupta, deputy director, Centre for Cellular and Molecular Biology, Hyderabad, and visiting fellow, Max Planck Institute for

Experimental Endocrinology, Hannover, Germany, "Control of Apoptosis by Steroid Hormones." 652 Heritage Medical Research Centre.

22 November, noon

Yiming Deng, "Effects of Pregnancy on Activation of Central Pathways Following Atrial Distention." 2J4.02 Mackenzie Health Sciences Centre.

PETER JACYK CENTRE FOR UKRAINIAN HISTORICAL RESEARCH

23 November, 3:30 pm

Serhii Plokhyy, "The Forced Reunion: Ecclesiastical and Political Ideas of the Lviv Church Council (1946)." 352 Athabasca Hall.

PHILOSOPHY

10 November, 3:30 pm

Peter Loftson, Department of Philosophy, University of Saskatchewan, "Anne Conway's Philosophy of Substance and Essence." 4-29 Humanities Centre.

18 November, 3:30 pm

Peter Danielson, Department of Philosophy, University of British Columbia, "Artificial Morality and Genetic Algorithms." L-4 Humanities Centre.

PHYSIOLOGY

25 November, 1 pm

Gerald Pepe, chairman, Department of Physiology, Eastern Virginia Medical School, "Central Integrative Role of Estrogen in Primate Pregnancy: Regulation of Fetal Maturation." 207 Heritage Medical Research Centre.

POPULATION RESEARCH LABORATORY, SOCIOLOGY, SOCIETY OF EDMONTON DEMOGRAPHERS, AND EDMONTON CHAPTER OF THE CANADIAN POPULATION SOCIETY

14 November, 11 am

KG Basavarajappa, Statistics Canada, "Impact of Declines in Cause-Specific Mortality on Life Expectancy." TB-W2 Tory Breezeway.

PSYCHOLOGY

14, 15 and 16 November, 7:30 pm

Max Coltheart, professor and head of the Department of Psychology, Macquarie University, Sydney, Australia, will deliver the 20th Annual MacEachran Memorial Lecture Series under the theme "Our Mental Lexicon: Empirical Evidence of the Modularity of Mind." CW-419 Biological Sciences Centre.

RENEWABLE RESOURCES

17 November, 12:30 pm

Desiree Jans-Hammermeister, "Carbon and Nitrogen Transformations in Soil: Using Simulation Models to Test Contrasting Hypotheses." 8-21 General Services Building.

24 November, 12:30 pm

R César Izaurralde, "Soil Conservation for Production and Environmental Quality: A Second Visit." 2-36 Earth Sciences Building.

RESEARCH SEMINARS IN EARLY WOMEN

15 November, noon

Bonnie Effros, "Dressing the Dead: Gertrude of Nivelles and the Evolution of Female Mortuary Expression in Early Medieval Europe." Senate Chamber, Arts Building.

RURAL ECONOMY

14 November, 3:15 pm

Glen A Mumey and Robert Burden, SERECON Consulting Group, "NISA(S) Efficiency and a Way to Improve It." 519 General Services Building.

17 November, 3:30 pm

Eloise Murray, "Support for Graduate Student Research and Experience in Agroforestry in Southern Nations." 519 General Services Building.

21 November, 3:15 pm

Mark P Anielski, Strategic Management, Research and Strategic Services, Alberta Environmental Protection, "Resource Accounting: From Theory to Application—Alberta's Timber Account in 1991." 519 General Services Building.

ST JOSEPH'S COLLEGE

24 November, 2:30 pm

Doug Roche and Susan Belcher El-Nahhas, "The Cairo Conference: What Are the Real Issues?" Faculty Lounge, Main Floor, St Joseph's College.

SCHOOL OF LIBRARY AND INFORMATION STUDIES

15 November, noon

Georgia Makowski, marketing and accounting manager, Health Knowledge Network, "A Comparison of CD-ROM Medline and CD-Rom Biological Abstracts for Retrieval of Therapeutic Drug Information." 3-01 Rutherford South.

SLAVIC AND EAST EUROPEAN STUDIES

16 November, 3 pm

Dmitrii Kozikis, Minsk Linguistic University, "Belarus After the First Presidential Elections." 436 Arts Building.

SOCIOLOGY AND RURAL ECONOMY

18 November, noon

Violeta Lopez-Gonzaga, Institute for Social Research and Development, University of St La Salle-Bacolod, Philippines, "People-initiated Environmental Education, Rehabilitation and Conservation Program: A Case Study of Cauayan, Negros Island, Philippines." 5-15 Tory Building.

UNIVERSITY TEACHING SERVICES

15 November, 3:30 pm

Tony Fisher, "Classroom Ethnography." 281 CAB.

16 November, 4 pm

Sue Gregory Bermingham, "Relaxation Techniques for the Busy Professional." 281 CAB.

22 November, 3:30 pm

Betty Moulton, "Practical Experience with the Vocal Tools of Communication." 281 CAB.

23 November, 3:30 pm

David Cook, "Overhead Transparencies—The Secret Killer!" TB-W1 Tory Breezeway.

24 November, 3:30 pm

Betty Moulton, "Practical Experience in Effective Communication from the Printed Page." 281 CAB.

WOMEN'S STUDIES PROGRAM

24 November, 3:30 pm

Nanci Langford, "Homesteading: The Roots of Prairie Women's Radicalism." Senate Chamber, Arts Building.


ZOOLOGY

15 November, 12:30 pm

PD Gupta, Max Planck Institute for Experimental Endocrinology, Hannover, Germany, "Possible Roles of Transglutaminase in Apoptosis." G-114 Biological Sciences Centre.

22 November, 12:30 pm

David Pilgrim, "Using Genetics and a Little Worm to Study Cell Biology." G-114 Biological Sciences Centre.

 This symbol denotes environmentally-related seminars/events. If you wish to have an environmentally-related event listed in this way, please contact: The Environmental Research and Studies Centre, 492-6659.

EVENTS

EXHIBITIONS

BRUCE PEEL SPECIAL COLLECTIONS LIBRARY

Until 15 November

"Beyond Words: An Exhibition of Manuscripts and Manuscript Facsimiles." Gallery hours: Monday to Friday, 8:30 am to 4:30 pm. B7 Rutherford South.

CLOTHING AND TEXTILES COLLECTION

Until 18 November

"Made in Canada—Women's Factory Clothing 1935-70." This museum exhibit of women's clothing examines the history and characteristics of the Canadian garment manufacturing sector with specific reference to the production of women's wear. The exhibit also discusses the nature of Canadian fashion and the possible effects of recent trade agreements upon the garment industry. Hours: Monday to Friday, 8:30 am to 5 pm. Information: Cathy Roy, 492-3826. Basement, Home Economics Building.

EXTENSION CENTRE GALLERY

Until 20 December

"Alberta Clay"—from the Collection of The Alberta Foundation for the Arts. Gal-

lery hours: Monday to Thursday, 8:30 am to 8 pm; Friday, 8:30 am to 4:30 pm; Saturday, 8:30 to 11:30 am. Information: 492-3034. 2-54 University Extension Centre.

FAB GALLERY

15 November to 4 December

"Ryoji Ikeda: Works 1979-94." Gallery hours: Tuesday to Friday, 10 am to 1 pm and 2 to 5 pm; Sunday, 2 to 5 pm; statutory holidays, Saturday, Monday, closed. 1-1 Fine Arts Building.

FILM

DEPARTMENT OF GERMANIC LANGUAGES

22 November, 7:15 pm

Vor Sonnenaufgang (1976)—German with English subtitles. 141 Arts Building.

MUSIC

18 November, 8 pm

Opera Scenes. Alan Ord, director. Performers are students from Opera Workshop. Scenes from operas by Mozart, Menotti, Beethoven, Donizetti, and Puccini. Admission: \$5/adult, \$3/student and senior. Convocation Hall.

20 November, 8 pm

Piano Concerto Movements performed by piano major students with the University Symphony Orchestra. Malcolm Forsyth, conductor. Admission: \$5/adult, \$3/student and senior. Convocation Hall.

21 November, 8 pm

Master of Music Recital: Anne McDougall, violin. Convocation Hall.

EDMONTON CHAMBER MUSIC SOCIETY

16 and 23 November, 8 pm

"The Talich String Quartet." Tickets available at the door. Information: 433-4532. Convocation Hall.

THEATRE

STUDIO THEATRE

10 to 19 November, 8 pm

"Bonjour, La, Bonjour" by Michel Tremblay, translated by John Van Burek and Bill Glassco. Tickets and information: 492-2495. Myer Horowitz Theatre, SUB.

RESEARCH PROPOSALS ON IMPAIRED DRIVING INVITED

The Department of Sociology invites research proposals to carry out studies on any aspect of impaired driving. Interest from an endowment made by REID (Research and Education on Impaired Driving) and matched by the provincial government will be used to fund the successful research proposal(s). The maximum amount available this round is about \$13,500 which may be used to fund one research project; or divided between two (or more) smaller projects. The competition will be adjudicated by a panel of five (three from the University and two from the contributing organization). The competition is open to any University member conducting research relating to impaired driving.

Proposals should be forwarded to: Baha Abu-Laban, Chair, Department of Sociology, University of Alberta, 5-21 Henry Marshall Tory Building. The competition closes 28 February 1995.

NEW AWARDS RELATE TO ANIMAL WELFARE

Bill Samuel, right, Professor of Biological Sciences, receives the investigator/researcher Louis D Hyndman Sr Award from Chancellor Louis D Hyndman Jr at the inaugural Louis D Hyndman Sr Awards ceremony and lecture 1 November. An award was also presented to technicians in the Department of Agricultural, Food and Nutritional Science. The two awards were established by the late Mr Hyndman Sr to recognize people who have contributed significantly to the welfare of animals used in research on campus. Dr Bernard Rollin, a professor at Colorado State University and an internationally known philosopher and bioethicist, presented the inaugural lecture. Staff recognized with the Technician's Award were: Paul Gregory, Steve Melnyk, Janeal Mick, Gary Minchau, Randy O'Hara, Chris Olsen and Garry Vandoesburg. Each recipient received an engraved plaque and attended a dinner in their honour with Dr Rollin.



Photo Services

TAX DEDUCTIONS FOR 1994 PRIOR SERVICE PENSION CONTRIBUTIONS

Revenue Canada's deadline for making contributions towards purchasing prior service for the 1994 tax year is 31 December 1994.

Staff members currently purchasing prior service may wish to make additional payments over and above their regular payroll deductions. Such payments can be made in either of the following ways: 1) request the additional payment be deducted from your December paycheque, or 2) forward a personal cheque, made payable to the University of Alberta, for the additional payment.

(Note: Due to the closure of the University over the Christmas vacation period, postdated cheques can only be accepted up to and including 23 December 1994.)

Staff wishing to make an additional payment may submit their request in writing, indicating the amount and payment method chosen, to: Pension and Benefits Administration, 302 Assiniboia Hall, no later than 2 December 1994. Please supply Social Insurance Number for credit of the additional payment to your 1994 T4.

Pension and Benefits Administration suggests that you consult with your tax advisor concerning any steps you should take to maximize your 1994 prior service tax deductions. As a matter of policy, Pension and Benefits Administration staff have been instructed not to attempt to provide personal tax advice.

ADS

ACCOMMODATIONS FOR RENT

MICHENER PARK - Two bedroom rowhouses and apartments for rent in University residence located in southwest Edmonton. Excellent bus service to University, utilities included. University inquiries welcome, 492-7044.

EXECUTIVE two storey on ravine in Capitol Hill! Unique interior, completely renovated in keeping with the old style. 1 October possession or sooner. \$2,000/month, lease. Western Relocation, 434-4629.

MODERN! MILLCREEK! Perfect! Fourth floor furnished condo. Southwest exposure, one bedroom, den, jacuzzi tub. Eight month lease, nonsmokers, no pets. \$800/month. Western Relocation, 434-4629.

SALE OR RENT - Spacious, executive-style home, prestigious Fairway Drive loca-

tion with large landscaped lot. Has garage, four bedrooms, four bathrooms, jacuzzi and finished basement with office. Near several schools, University, freeway, shopping and golf course. Call 436-6925.

NEAR UNIVERSITY - Completely furnished one bedroom. Fantastic view, pool. Weekly, monthly, or long term. Suitable for visiting professor. 433-7165, 492-5301.

RENT IN WINDSOR PARK - Three bedroom view home, walk to campus. \$1,000/month. 433-0212.

TWO BEDROOM CONDO on Saskatchewan Drive, 18th floor, spectacular view. One year lease, rent discount. Raymond, 498-2930.

TWO BLOCKS from campus or University Hospitals. Two bedroom, bi-level condo with in-house laundry, heated parking. Nonsmokers. \$750/month plus utilities. 439-0203.

4916 116A STREET - 1,300', 3 1/3 bedrooms, 1 1/2 baths, six appliances, finished basement, garage. Immaculate, quiet. No pets. References. 435-7098.

NEAR UNIVERSITY - Two bedroom highrise condo. Two full baths, heated parking, south exposure. Available immediately. 955-7221, (604) 564-7080.

5119 123 STREET - Large, five bedrooms, 2 1/2 baths, washer/dryer. New carpet, finished basement. Excellent bus service University. \$900. 430-8137.

INTERESTED in buying, selling or leasing a condominium? Call me first. Available

from \$33,000 to \$474,500. Ask for Connie Kennedy, condo consultant/specialist, 25 years. Re/Max, 488-4000.

ACCOMMODATIONS FOR SALE

VICTORIA PROPERTIES - Knowledgeable, trustworthy realtor with Edmonton references will answer all queries, send information, no cost/obligation. "Hassle-free" property management provided. (604) 595-3200, Lois Dutton, Re/Max ports west, Victoria, B.C.

WINDSOR PARK home, view, split-level, three bedrooms, large lot. \$227,000. 433-0212.

THREE BEDROOM BUNGALOW, half-duplex, finished basement, detached garage. \$99,500. Raymond, Re/Max, 498-2930.

BELGRAVIA - Newer executive home, open plan. Four bedrooms, four bathrooms, mature landscaping. Minutes to University. 11627 75 Avenue. 438-9002.

UNIVERSITY/GARNEAU AREA - Private sale by owner. Two bedrooms, two baths, condominium, low-rise. Nearly new, top floor view, quiet owner occupied with excellent management. Custom designed and finished. Available 5 November. \$128,900. For information and appointment, 439-8829. No agents.

MILLCREEK character home - Three bedroom renovated house features hardwood floors, granny tub, southern exposure on elm-lined street. Minutes from University, it has new kitchen, bath, developed

basement, deck, garage and five appliances. \$136,000. For appointment, call 432-9468.

PARKALLEN - \$118,000, three bedroom semi-bungalow. Walk to University. Double garage, fenced west yard. Chris Tenove, Spencer, 435-0808.

SHERWOOD PARK - Very spacious three bedroom four-level split that says "Welcome home." Vaulted ceiling, fireplace, large double detached garage and RV pad. Immaculate. \$126,900. 467-7036.

GOODS FOR SALE

CASH PAID FOR APPLIANCES - 432-0272.

CASH PAID for quality books. The Edmonton Book Store, 433-1781.

SERVICES

DONNIC WORD PROCESSING - Since 1978, specializing in theses, manuscripts and editing 453-2769.

DAVID RICHARDS CARPENTRY - Certified journeyman NAIT. Complete inte-

rior/exterior residential and commercial renovations including plumbing/electrical. References available. 436-6363.

HOME CLEANING - Hardworking, bonded staff. Reasonable rates. Able Maids, 433-9697.

MIKE REININGER RENOVATIONS - Maintenance, handyman services. No job too big or small. 424-2324.

BACK BASICS REMEDIAL THERAPY - Supplementary health care coverage. 436-8059.

TECH VERBATIM Word Processing. Résumés, theses, medical terminology. Donna, 440-3714.

LEARN THE INTERNET: personalized instruction on accessing valuable Internet resources specific to your field. Chris and Josie Hammond-Thrasher, 433-3677.

THESES TYPING and editing, 15 years' experience. Call Chris, 435-1020.

HALLDOR'S has another location for framing and photo restoration. It is 10762 82 Avenue with easy parking. 439-5445.

Paul Lorieau's University Optical



"We value your eyes, and we'll prove it by offering the very best in optical care at everyday low prices."

433-5500

Conveniently located in College Plaza
8217 - 112 Street - Edmonton, AB T6G 2C8

ATRIUM HAIR CENTRE

LOCATED IN U of A HOSPITAL

special staff and student prices every Wednesday

Ladies' cut: \$13 Mens' cut: \$11

Esthetician Services Available

open Tuesday to Friday: 9:00am - 5:30pm

Saturday until 4:00pm

PHONE: 492-8403

THE MERV LEITCH, Q.C. MEMORIAL LECTURE

by

The Honourable Willard Z. Estey, C.C., LL.M., LL.D., Q.C.

"Quebec and Canada: One Constitutional Watershed"

Tuesday, November 22, 1994

8:00 pm, 237 Law Centre
University of Alberta

RSVP if attending to
492-5590

Reception to follow
4th floor, Law Centre

OIL CHANGE SPECIAL

QUAKER STATE 5W30 QSX INCLUDES: lube, oil, filter and 21 point inspection; We'll check the front end, shocks, hoses, belts, lights, brakes, tires, exhaust and fluids

\$16.95

with coupons
Disposal Fee extra
Applies to
most vehicles
Expires Nov. 17

The TIRE Warehouse
"Complete Car Care Centres"

Also specialize in tune ups, brakes, front-ends and shocks.

SOUTHSIDE OPEN LATE
4717-99 St. 437-4555 Mon.-Fri. 7-9 Sat. 7-6

WESTEND
17108-107 Ave 484-4700 Mon.-Fri. 7-9 Sat. 7-5

CENTRAL
10550-116 St Mon.-Fri. 7-6 Sat. 7-5

The Tire Warehouse offers a complete range of tire and automotive services and products. Discounts available for U of A Staff and Students (with valid ID) D1-94-1013

We Learned From You!

SENATE TRAVEL

Since 1969 We've Studied The Travel Needs Of The University Community.

- University, business and vacation travel
- 1 year sabbatical air fares and other special arrangements
- Groups • Conference Arrangements
- Air, Tour, Hotel and Car Reservations
- Insurance • Rail Passes

SENATE TRAVEL U of A Travel Specialists
Phone 492-2756
9006 HUB MALL

Riverwind

A breathtaking view from every suite...



- New Suites in a New Building
- Only 3 Suites Per Floor 2 Bedroom & 2 Plus Den Floor Plans Available
- Super Energy Efficient Construction
- Video Monitored Front Entry
- Custom Finishing Option Available

Come and see for yourself!

Show Suites 10721 Saskatchewan Drive
439-4089



IF YOU'RE CONFUSED ABOUT THE RELATIVE MERITS OF THE MANY ALTERNATIVE INCOME INVESTMENTS YOU ARE NOT ALONE.

Now, ScotiaMcLeod has prepared a brief, easy-to-read booklet which is designed to strip away the mystery and confusion. It deals with secure investment income and the relative tax treatment of these various types of investments.

FREE BOOKLET

This booklet deals with:

- Interest Income
- G.I.C.s
- Term Deposits
- Dividends
- Mutual Funds
- Bonds and Debentures
- Treasury Bills
- Canada Savings Bonds

For your complimentary copy, call Sylvia Haak

497-3222 or
1-800-661-7137 Toll-Free



ScotiaMcLeod

Trusted Investment Advice Since 1921

Suite 2000,
10104-103 Avenue,
Edmonton, Alberta
T5J 0H8